

(C) WPI / DERWENT

XP-002379462

AN - 1992-256548 [31]

A - [001] 014 02& 028 032 04- 040 143 144 147 151 153 155 157 158 163 166  
169 170 173 198 199 203 220 221 226 231 239 240 31- 331 336 400 42&  
437 456 461 476 512 541 551 556 56& 560 561 566 57& 575 583 589 596  
623 627 672 688 692 720

AP - JP19900274903 19901012

CPY - TORA

DC - A21 A23 A85 L03

FS - CPI

IC - C08J5/00 ; C08L67/02

KS - 0009 0013 0016 0218 0226 0231 1279 1282 1288 1292 1323 1373 1462 1588  
1601 1672 1999 2002 2014 2015 2465 2545 2560 2585 2600 2617 2622 2628  
2654 2737 2829 3179 3183 3192 3300

MC - A05-A01E2 A05-E04E A05-E06B A05-J09 A07-A03A A11-B12 A12-E01 A12-T04C  
L03-A L03-A01B3

PA - (TORA ) TORAY IND INC

PN - JP4175366 A 19920623 DW199231 C08L67/02 007pp

PR - JP19900210081 19900807

XA - C1992-114524

XIC - C08J-005/00 ; C08L-067/02 ; (C08L-063/00 C08L-067/02 C08L-067/02  
C08L-069/00 C0)

AB - J04175366 Compsn. consists of (A) 100 pts.wt. of PBT, (B) 0.1-10  
pts.wt. of bisphenol A polycarbonate or its oligomer and (C) 0.1-5  
pts.wt. of at least one cpd. selected from epoxy cpds. having at least  
two epoxy gps. in a mol. and polycarbodiimides having at least two  
carbodiimide gps. in a mol. Alternatively it may consist of (A), (B),  
(C) and (D) 0.3-10 pts.wt. of polyester elastomer. An injection  
moulding obtd. from this compsn. and having at least partly a thin  
part of less than 1 mm thickness is also new.

- Epoxy cpds. of (C) are pref. bisphenol A based epoxy resins, glycidyl  
ether esters derived from p-hydroxybenzoic acid and epoxy cpds. based  
on PTMG or PEG. Polycarbodiimide is pref. formula (I). (D) has pref. a  
wt. ratio of hard segments/soft segments of 70/30-15/85.

- USE/ADVANTAGE - The PBT resin compsn. is suitable for moulding wire  
harness connectors, esp. those having thin hinges for cars, various  
other connectors, sockets, relays, various housings, cord caps and  
various car parts which are used engine rooms. It keeps not only  
excellent mouldability, stiffness and heat resistance, intrinsic to  
PBT but also has high tough(Dwg.0/0)

C - C08L67/02 C08L63/00 C08L67/02 C08L69/00 C08L79/00

IW - POLYBUTYLENE TEREPHTHALATE RESIN COMPOSITION MOULD WIRE HARNESS  
CONNECT CONTAIN BISPHENOL-A POLYCARBONATE EPOXY COMPOUND  
POLYCARBODIIMIDE

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NC - 001

OPD - 1990-08-07

ORD - 1992-06-23

PAW - (TORA ) TORAY IND INC

TI - Polybutylene terephthalate resin compsn. for moulding wire harness  
connectors - contains bisphenol-A polycarbonate and epoxy cpd. and/or  
polycarbodiimide